

NPIC/TSSG/DED-1551-69
26 March 1969

MEMORANDUM FOR THE RECORD

SUBJECT: RADC Laser Image Scanner

25X1 In a telephone conversation with [] RADC, I learned the status
25X1 of the Laser Image Scanner Development, the development being carried out
by [] The scanner is presently undergoing acceptance
tests and a follow-on contract to increase the resolution of the device
is anticipated. At present the scanner utilizes a 5μ laser spot and a
photo diode to scan a 1.8 cm square, digitizing the approximately 13
million bits in about 15 minutes. The digitized information is fed into
a 360/40 where it is manipulated in an INTRAM program (developed originally
25X1 [] which has been modified for RADC by [] The
25X1 Scanner will probably remain at [] for another couple of months
while the laser spot size is reduced to 3.3μ and the sampling interval
is reduced to 2.5μ yielding a possible resolution of 150 l/mm. []
25X1 said we would be welcome to visit [] to see the Laser Image
Scanner, but he would prefer us clearing any trips through him.

[]
TSSG/DED/R&DBr-I

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by NIMA/DOD